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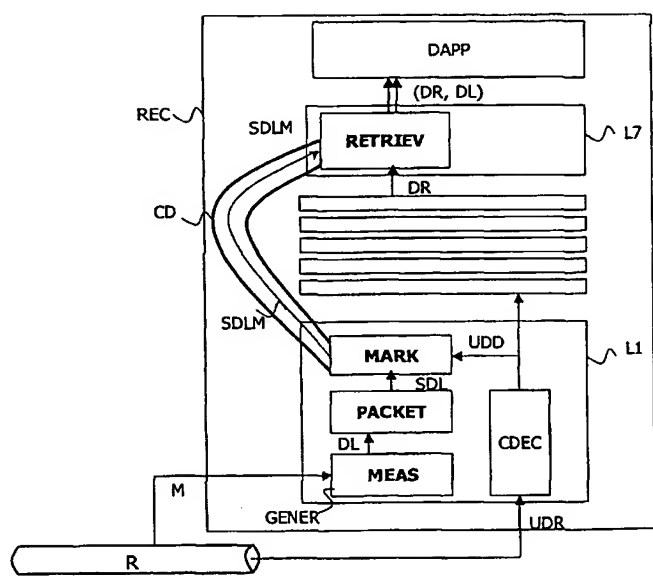
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[Continued on next page]

(54) Title: RECEIVER ,TRANSMITTER,METHOD AND SYSTEMS FOR PROCESSING A NETWORK DATA UNIT IN THE NETWORK STACK



(57) Abstract: The invention relates to a receiver (REC) comprising means for using a network stack (PR) intended to process a data unit (UDR) received via a network (R), means for establishing a direct connection (CD) between a departure layer (L<sub>1</sub>) and an arrival layer (L<sub>7</sub>) of said network stack, means (GENER) for generating local data (DL) at the level of said departure layer (L<sub>1</sub>), said local data (DL) being intended to be transmitted to said arrival layer (L<sub>7</sub>) via said direct connection (CD), means (PACKET) for packeting said local data (DL) into a data structure (SDL), and means (RETRIEV) for retrieving said local data (DL) at the level of said arrival layer (L<sub>7</sub>).

WO 2004/043038 A1

**WO 2004/043038 A1**



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# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/04832

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L29/06 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 6 226 680 B1 (BLIGHTMAN STEPHEN E J ET AL) 1 May 2001 (2001-05-01)</p> <p>abstract</p> <p>column 1, line 30 -column 4, line 3</p> <p>column 5, line 1 - line 47; figures 1,2</p> <p>column 6, line 56 -column 8, line 12;</p> <p>figures 4A,4B,4C</p> <p>column 8, line 31 - line 47; figure 5</p> <p>column 9, line 19 -column 10, line 17;</p> <p>figures 6,7</p> <p>column 14, line 1 -column 15, line 61;</p> <p>figures 10-12</p> <p style="text-align: center;">--- -/-</p>	1-11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 246 683 B1 (CONNERY GLENN WILLIAM ET AL) 12 June 2001 (2001-06-12) cited in the application abstract page 3, line 54 -page 7, line 64; claims 1,2,10,11; figures 1-5	1-11
A	CARTER J ET AL: "DAFS-Enabled Data Center Applications" DAFS COLLABORATIVE, December 2000 (2000-12), XP002237620 Retrieved from the Internet: <URL:http://www.dafscollaborative.org/press/articles/datacenter.pdf> 'retrieved on 2003-04-08! the whole document	1-11

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